JOHN T. GRAHAM

ORJTG 1-3

ORANGE COUNTY

MAPPED

AUG 0 2 2016

BV: DB

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

A. This land application agree here as "Landowner", and remains in effect until it is ten the Landowner in the event o	Recyc Systems, Inc., /n minated in writing by either f a sale of one or more part this agreement changes, the	between	INDUSTRIAL RESIDUALS This agreement to those parcels that are retained all parcels changes. If owners ownership has changed will not a recent the second that are retained to the second that	d by
Landowner:	of record of the real propert	y located in ORAA	VEE_ Virginia, which includ	es
Table 1.: Parcels autho	rized to receive biosolids, v	vater treatment residua	ils or other industrial sludges	
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	
0330000000128				
534000000000000000000000000000000000000				
				-
Additional parcels containing Land A	unileation Stace am Identified on S	upplement A Johank H appli	m blo)	_
later than the date of to 2. Notify the Permittee of The Landowner has no other a notify the Permittee immediate for application or any part of the incorrect.	he property transfer, and the sale within two weeks greements for land applica by if conditions change such is agreement becomes inva	following property tran tion on the fields ident that the fields are no alld or the Information i	fied herein. The Landowner will longer available to the Permitte herein contained becomes	1
The Landowner hereby grants agricultural sites identified abor inspections on the land identific purpose of determining compliants.	ve and in Exhibit A. The La ed above, before, during or	ndowner also grants p after land application	permission for DEQ staff to cond of permitted residuals for the	luct
Class B biosolids Water to	eatment residuals Foo ☐ No ☐ Y	d processing waste	Other industrial studges Yes INE STAKE ROLLING SOLUTION	el sec
Landovmer - Printed Name, Title	Signature		Mailing Address & Phone Number	7-
manner authorized by the VPA Pe pian prepared for each land applic	mit Regulation and in amount ation field by a person certified	s not to exceed the rates in accordance with §10.	1-104.2 of the Code of Virginia.	ent
The Permittee agrees to notify the specifically prior to any particular a				
☐ I reviewed the document(s) assi document(s) available to DEQ for i				fthia
Ser 6	Dr. On V	PO Boy 562	Reminaton Virginia 22734	

Signature

Rev 9/14/2012

Permittee - Authorized Representative

Printed Name

Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Per	mittee:	Recyc Systems, Inc	c	ounty or City:	orange	
Lar	downer: _	John T. Grah	am_			
Lar	ndowner 8	Site Management Requ	irements:			
i, the	e Landowner ication of bio	r, I have received a DEQ Bios sociids, the components of bio	olids Fact Sheet I solids and proper	hat includes information handling and land	ation regarding regulations go application of biosolids.	verning the land
iden	tified below i	expressly advised by the Per nust be complied with after bi sible for the implementation o	iosolids have been	e management requ n applied on my pro	irements and site access res perty in order to protect public	trictions cheatth, and
	es to implen olids at the s	nent the following site manage ite:	ement practices a	t each site under my	ownership following the land	application of
1.	Notification biosofids I completed	n Signs: I will not remove any and application site, unless re l.	signs posted by quested by the P	the Permittee for the ermittee, until at lea	e purpose of identifying my fie st 30 days after land applicati	eld as a on at that site is
2.	a. P a b. P a s: c. T	tess ublic access to land with a highly application of biosolids, ublic access to land with a lon pplication of biosolids. No biological period of time unless ade urf grown on land where biosolids the harvested turf is place therwise specified by DEQ.	w potential for put solids amended s equate provisions olids are applied a	olic exposure shall b soil shall be excavat are made to preven shall not be harveste	e restricted for at least 30 day ad or removed from the site of t public exposure to soil, dust ad for one year after application	ys following any luring this is or aerosols; on of biosolids
3.	b. Fr ap m c. Fr bi d. O e. Fr	ictions: ood crops with harvested part ot be harvested for 14 months ood crops with harvested part oplication of biosolids when th onths prior to incorporation in ood crops with harvested part osolids remain on the land su ther food crops and fiber crop sed crops shall not be harvest imals).	after the applicat is below the surfa- ne biosolids remain to the soil, is below the surfa- priace for a time po- is shall not be har	ion of blosolids, ce of the land shall in on the land surfact ce of the land shall in priod of less than for wested for 30 days a	not be harvested for 20 months e for a time period of four (4) not be harvested for 38 month ir (4) months prior to Incorpor filter the application of biosolic	s after the or more s when the ation. is;
4.	Follow a, Mi b. La	access Restrictions: ing biosolids application to pa eat producing livestock shall r actating dairy animals shall no ther animals shall be restricted	not be grazed for a	30 days, minimum of 60 days		
5.	applications	tal commercial fertilizer or ma s such that the total crop need by a person certified in accord	is for nutrients are	not exceeded as lo	lentified in the nutrient manag	
6.	years follow	ecause it has been shown to wing the application of biosolide (0.5 kilograms/hectare).				
3		s Signature	- 4			

Mailing Address & Phone Number

Farm Operator Signature

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

A. This land application a here as "Landowner", and remains in effect until it is the Landowner in the eve individual parcels identifie	greement is made on regreement is made on regreement is made on regreement, inc, regreement of a sale of one or more part of a sale of one or more part of in this agreement changes, the ceive biosolids or Industrial res	3-15 between <u>Posc</u> aferred to here as the "Permonty or, with respect to thosels, until ownership of all parces parcels for which ownership	F- Graha m referred to niltee". This agreement se parcels that are retained by arcels changes. If ownership of ership has changed will no
Landowner: The Landowner is the ow the agricultural, silvicultur attached as Exhibit A.	ner of record of the real propert al or reclamation sites identified	y located in <u>orange</u> below in Table 1 and ident	, Virginia, which includes ified on the tax map(s)
Table 1.: Parcels at	uthorized to receive biosolids, w	rater treatment residuals or	other industrial sludges
<u>Tax Parcel ID</u>	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
Additional parcels containing La	nd Application Sites are Identified on S	upplement A (check if applicable)	
within 38 months of the lat 1. Notify the purchas later than the data 2. Notify the Permitte The Landowner has no other notify the Permittee immediately for application or any part	owner sells or transfers all or pa est date of biosolids application er or transferee of the applicabl of the property transfer; and se of the sale within two weeks her agreements for land applica- liately if conditions change such of this agreement becomes inva	, the Landowner shall: e public access and crop m following property transfer tion on the fields identified h a that the fields are no longe	nanagement restrictions no nerein. The Landowner will ar available to the Permittee
agricultural sites identified inspections on the land ide purpose of determining con Class B biosolids Wat	es 🗆 No 🖂 Y	ndowner also grants permit after land application of per ments applicable to such a d processing waste Ott	ssion for DEQ staff to conduct mitted residuals for the
Landowner - Printed Name, Titl		Mailli	ng Address & Phone Number
manner authorized by the VP	Permittee, agrees to apply biosolic A Permit Regulation and in amount oplication field by a person certified	s not to exceed the rates identi	ified in the nutrient management
The Permittee screes to notify	the Landowner or the Landowner's	s designee of the proposed so	hedule for land application and
☐ I reviewed the document(s)	assigning signatory authority to the for review upon request. (Do not de	e person signing for landowner	above. I will make a copy of this
Structo Column 18	(1.1)	PO Box 562 Rem	ington, Virginia 22734

Signature

Page 1 of 2

Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permi	ttee:	Recyc Syst	ems, Inc		County or City: _	orange	
ando	wner: _	Rose	F: Gra	nam			
ando	owner s	Site Manage	ment Require	ments:			
the La	andowner	, I have receive solids, the com	ed a DEQ Biosolic ponents of biosol	s Fact She ids and pre	set that includes informations and land	ation regarding regulations gov application of biosolids.	eming the land
lentifie	d below i	nust be complie	sed by the Permit ed with after bloso dementation of the	ilds have	been applied on my pro	irements and site access rest perty in order to protect public	rictions health, and
agree l	to implem s at the s	ent the followin ite:	ng site manageme	ent practice	es at each site under my	ownership following the land	application of
b	lotification piosolids la completed	and application	not remove any si site, unless requ	ins posted ested by th	by the Permittee for the Permittee, until at lea	e purpose of identifying my fiel st 30 days after land applicatio	d as a n at that site is
2. P	b. P ay sa c. Ti	ublic access to ny application o ublic access to pplication of bio ame period of til	of biosolids. Iand with a low prosolids. No biosolime unless adequate where biosolid ted turf is placed.	otential for ids amend ate provisi	public exposure shall be led soil shall be excaval ons are made to prever ed shall not be harveste	be restricted for at least one yet e restricted for at least 30 days ed or removed from the site du it public exposure to soil, dusts ad for one year after application for public exposure or a lawn,	s following any uring this or aerosols; of biosolids
3. Cr	b. Fo	ood crops with hoot be harvested ood crops with hoppication of biosonths prior to in ood crops with hoppication armain of the food crops with hoppications with hoppications of the food crops with hoppications w	for 14 months and harvested parts be solids when the be accorporation into the harvested parts be on the land surface and fiber cross si	er the app slow the si losolids re he soil, slow the si se for a time	lication of blosolids. urfacs of the land shall i main on the land surfac urface of the land shall i be period of less than for harvested for 30 days a	and are totally above the land not be harvested for 20 months e for a time period of four (4) o not be harvested for 38 months or (4) months prior to incorpora after the application of biosolids of biosolids (60 days if fed to lace	efter the r more when the tion.
4. Liv	Following A. Mc	eat producing living the ctating dairy an	plication to pastu vestock shall not	be grazed for	for 30 days, or a minimum of 60 days	i.	
ap	plications	such that the t	total crop needs for	or nutrient	ions will be coordinated s are not exceeded as io 0.1-104.2 of the Code o	with the biosolids and industric dentified in the nutrient manage f Virginia;	al residuals ement plan
6. To	bacco, b	ecause it has he	een shown to acc	umulate c	admium, should not be	grown on the Landowner's land admium equal to or exceeding	l for three 0.45
Real	16	latin.				Carel 13.	2015
La	indowner	s Signature				Date	¥ 77.7
G ₀	om Good	alor Signature			Mailín	g Address & Phone Number	_

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

DART DAVI: I AND	APPLICATION	AGREEMENT - BIOSOLIDS	AND INDUSTRIAL	RESIDITALS
PART DOVI. LANU	AFFLIGATION	AGREEMENT - DIOSCLIUS	AND INDUSTRIAL	VESIDDATS

here as "Landowner", and remains in effect until it is the Landowner in the ever individual parcels identifie	Recyc Systems, Inc., I terminated in writing by either at of a sale of one or more par	eferred to here as the party or, with respect cels, until ownership o hose parcels for which	heresa. Riege referred to "Permittee". This agreement to those parcels that are retained by fall parcels changes. If ownership of ownership has changed will no ement.
Landowner: The Landowner is the own the agricultural, silvicultural attached as Exhibit A.	er of record of the real proper I or reclamation sites identified	ty located inorom d below in Table 1 and	وح Virginia, which includes identified on the tax map(s)
Table 1.: Parcels au	thorized to receive biosolids, v	vater treatment residu	als or other industrial sludges
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
Additional parcels containing Lan	d Application Sites are identified on S	upplement A (check if appli	cable)
within 38 months of the late 1. Notify the purchase later than the date 2. Notify the Permittee The Landowner has no othe notify the Permittee immedi for application or any part o	est date of biosolids application or or transferee of the applicab of the property transfer; and a of the sale within two weeks or agreements for land applica	n, the Landowner shall be public access and of following property tran- tion on the fields ident in that the fields are no	erop management restrictions no esfer. dified herein. The Landowner will longer available to the Permittee
agricultural sites identified a inspections on the land iden purpose of determining com	ntified above, before, during or apliance with regulatory require r treatment residuals	andowner also grants after land application	permission for DEQ staff to conduct of permitted residuals for the uch application. Other Industrial sludges 図 Yes □ No
Theresa G. F. Landowner - Printed Name, Title	ieger Theren	H. Rieger	729 Mountain Rd, Java, Vf Mailing Address & Phone Number 2450
Permittee:			434-432-2
Recyc Systems, Inc., the imanner authorized by the VPA		s not to exceed the rate:	uals on the Landowner's land in the standing the land in the nutrient management .1-104.2 of the Code of Virginia.
The Permittee agrees to notify specifically orior to any particular	the Landowner or the Landowner	's designee of the propo-	sed schedule for land application and le the source of residuals to be applied.
☐ I reviewed the document(s) a		e person signing for land	lowner above. I will make a copy of this
Struction Permittee – Authorized Represen	lative Signature	₩ PO Box 562	Remington, Virginia 22734 Mailing Address

Rev 9/14/2012

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: _	Recyc System	ns, Inc	County or City: _	orange
Landowner:	Theresa	Rieger	_	
Landowner	Site Managem	ent Requiremen	ts:	
, the Landown	er, I have received liosolids, the compo	a DEQ Biosolids Fact ments of biosolids and	Sheet that includes inform I proper handling and land	nation regarding regulations governing the lar I application of biosolids.
dentified below	must be complied	d by the Permittee that with after biosolids ha mentation of these pra	ive been applied on my pri	quirements and site access restrictions operty in order to protect public health, and
agree to imple	ment the following site:	site management pra	ctices at each site under m	ry ownership following the land application of
Notificati blosolids complete	land application si	remove any signs po te, unless requested b	sted by the Permittee for the y the Permittee, until at least	ne purpose of identifying my field as a ast 30 days after land application at that site
b. c.	Public access to la any application of the Public access to la application of blose same period of time Turf grown on land	plosolids. and with a low potentia dids. No biosolids am a unless adequate pro where biosolids are a diturf is placed on eith	for public exposure shall ended soil shall be excava visions are made to preve pulled shall not be harvest	be restricted for at least one year following be restricted for at least 30 days following an ated or removed from the site during this int public exposure to soil, dusts or aerosols; ted for one year after application of biosolids at for public exposure or a lawn, unless
b. c. d. e.	Food crops with ha not be harvested fo Food crops with ha application of bioso months prior to inco Food crops with han biosolids remain on Other food crops ar	r 14 months after the rvested parts below the fids when the biosolid proration into the soil rvested parts below the the land surface for a dd fiber croos shall no dd fiber croos shall no	application of biosolids. e surface of the land shall s remain on the land surfa- e surface of the land shall time period of less than for the harvested for 30 days	e and are totally above the land surface shall not be harvested for 20 months after the ce for a time period of four (4) or more not be harvested for 38 months when the our (4) months prior to incorporation after the application of biosolids; of biosolids (60 days if fed to lactating dairy
Folio a. I b. I	Vieat producing live actating dairy anim	cation to pasture or h stock shall not be gra-	zed for 30 days, of for a minimum of 60 day	rs.
applicatio	ns such that the tot	al crop needs for nutri	ications will be coordinated ents are not exceeded as §10.1-104.2 of the Code	d with the biosolids and industrial residuals identified in the nutrient management plan of Virginia;
years follo pounds/a	because it has bee owing the application one (0.5 kilograms/h	n of biosolids or indus ectare).	e cadmium, should not be trial residuals which bear	grown on the Landowner's land for three cadmium equal to or exceeding 0.45
		regu		4/15/2015
Landowns	ar's Signature			Data
Farm One	erator Signature		Maili	ng Address & Phone Number

FARM DATA SHEET

SITE NAME:	John T. Graham	COUNTY:	Orange
OWNER:	John T. and Rose F. Graham; Teresa G. Rieger	OPERATOR:	Robert Jaworski
OWNER'S	See Below	OPERATOR'S	408 Ridge Road S.W.
ADDRESS:		ADDRESS:	Vienna, VA 22180
OWNER'S TELEPHONE:	See Below	OPERATOR'S TELEPHONE:	703-281-4861
GENERAL FARM TYPE:	Hay	CELL PHONE:	703-309-6681
# CATTLE:	None	EMAIL:	None
LAGOON or SLURRY:	None	LATITUDE:	38.290
TOPO QUAD:	Unionville	LONGITUDE:	77.918
COMMENTS:	John T. and Rose F. Graham 8582 Pine Stake Road Rhoadesville, VA 22542 540-854-4855		Teresa G. Rieger 729 Mountain Road Java, VA 24565 434-432-2832
			88

RECYC SYSTEMS, INC FIELD DATA SHEET

Field	Gross	Environmentally Sensitive Soils				Tax	FSA	
Identification	Acres	Water Table	Bed Rock/Shallow	Surf/Leach	Freq Flood	Hydro Map	Map#	Tract #
ORJTG 1	8.0	<u> </u>	-			RA 41	TM 34-3	T 1221 F 2
ORJTG 2	5.5	Cw NovApr. LgB DecMay		-	Cw NovApr.	RA 41	TM 33-12B	T 1221 F 3
ORJTG 3	17.7	Cw NovApr. LgB DecMay	-	-	Cw NovApr.	RA 41	TM 33-12B	T 1221 F 1, 4
					W		34-	
TOTAL ACRES IN								
SITE	31.2							

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement-Biosolids and Industrial Residuals from original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee:

Recyc Systems Inc.

Site Name:

John T. Graham

County or City:

Orange Co.

Please Print

Signature not required on this page

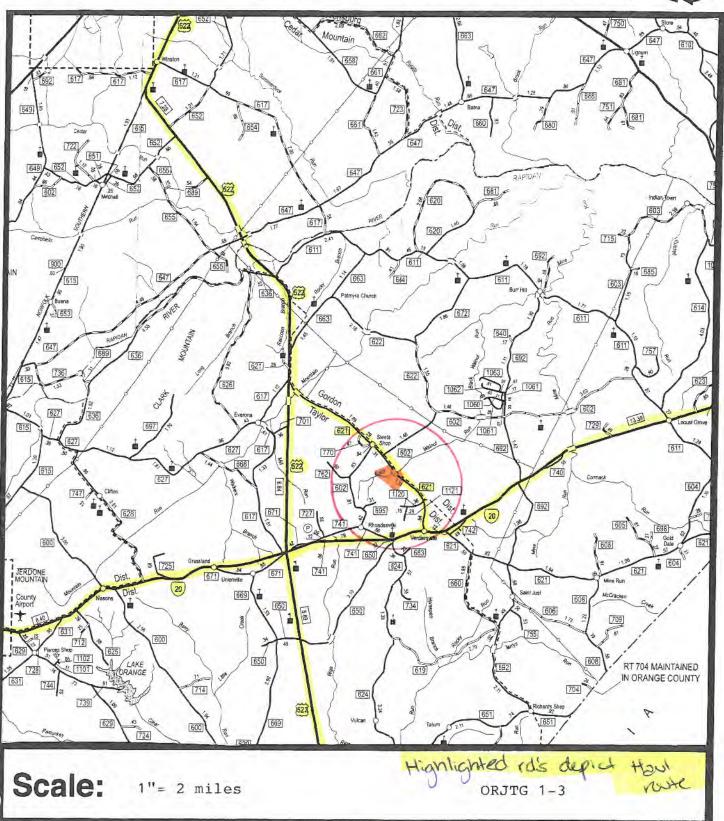
Tax Parcel ID(s)	Landowners (s)	
33-12B	John T. Graham and Teresa G. Rieger	
34-3	John Tranver and Rose Frances Graham	
34-1A	John Tranver and Rose Frances Graham	
34-1	John Tranver and Rose Frances Graham	

MAPS

Recyc Systems Inc.

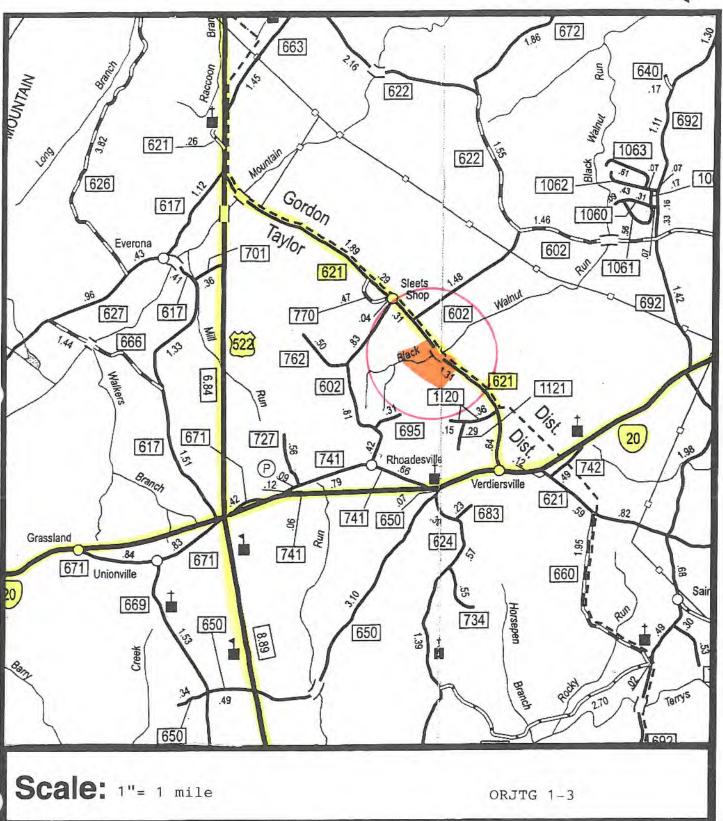
PURITO GENERAL GENERAL

(Biosolids Land Application)



FUBLIC SHOW

(Biosolids Land Application)

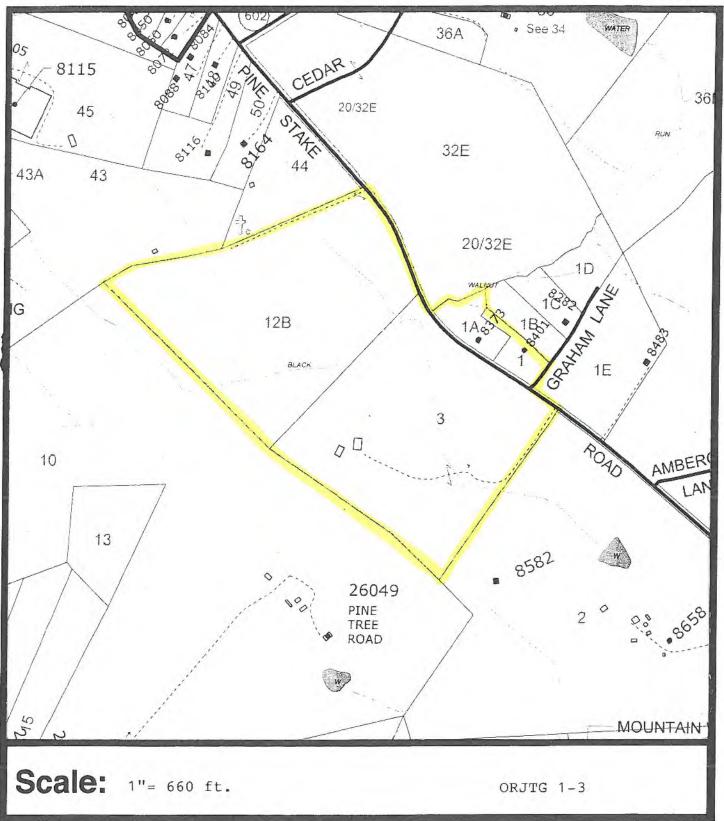


VICINITY MAP

N

(Biosolids Land Application)





TAX MAP

N

ADJOINING LANDOWNERS

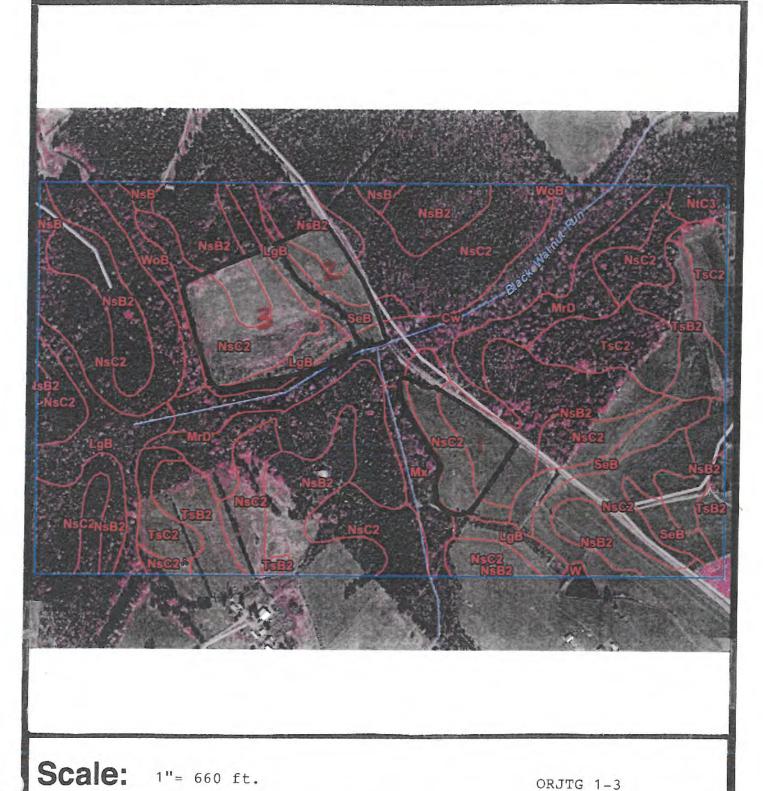
John T. Graham

ORANGE COUNTY

Tax Map	Parcel #	Owner Name(s)
19	43 44	Charles R. Creel Sr. and Charles R. Creel Jr. Newman Properties LLC
20	32E	Keith I. and Sherry R. Baldwin
33	10	Robert L. and Audrey A. Jaworski
34	1E 2	Curtis James and Tracey A. Gill Dale B. Kerns and Linda K. Kerns
34-1	1B	No Data Available

Recyc Systems. (Biosolids Land Application)

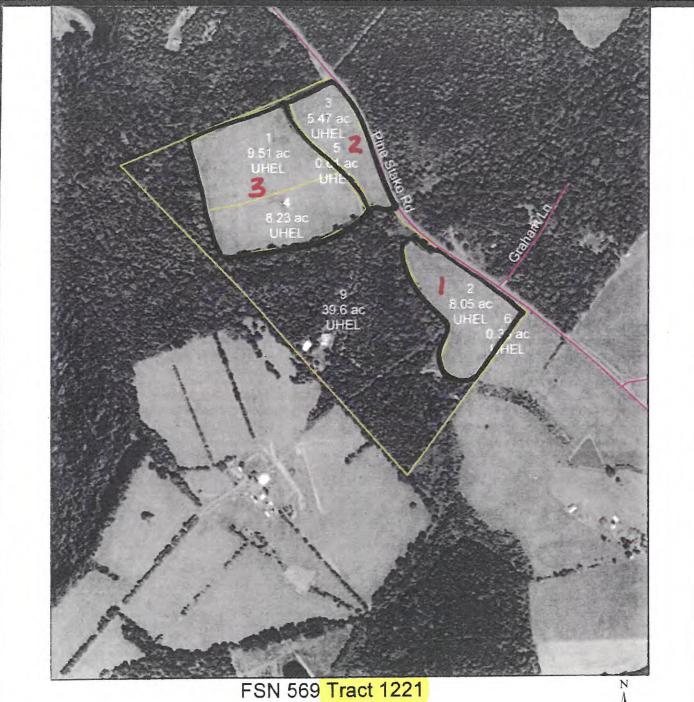




SOIL MAP

(Biosolids Land Application)





FSN 569 <mark>Tract 1221</mark> Graham

Scale: 1"= 660 ft.

ORJTG 1-3

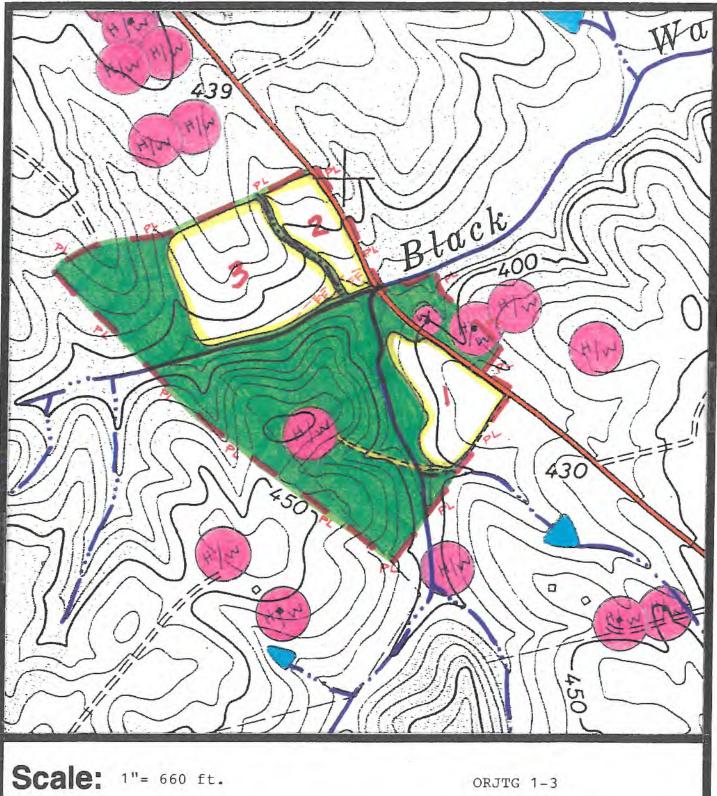
Legend For Site Plan

Symbol	Feature	Minimum Setback
H/W	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
ws	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
* *	Wet Spot	
	Trees and Woods	
	Private Drive	
R	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops
= : :	Severely Eroded Spot	18 Inch minimum depth of soil
S	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes
	State Road	10 feet from side of roadway
** * * * * *	Fence / Field Boundary	
	Property Line	100 feet from property line *
SL	Slope	15% maximum
FF	Frequent Flooded Soil	
	Hashed out Area	No application

^{*}Buffer can be reduced or waived upon written consent from landowner.

C. (Biosolids Land Application)



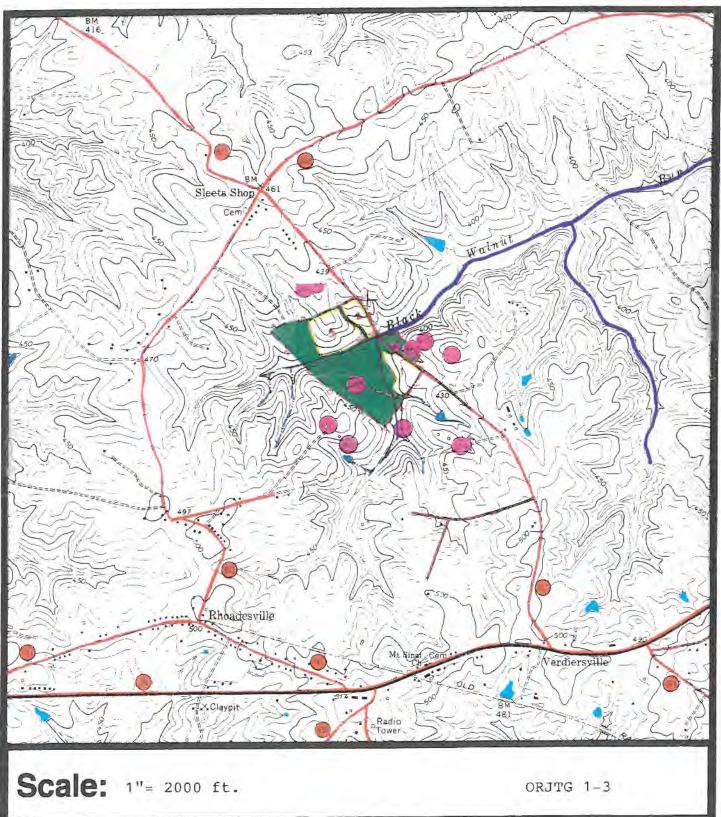


SITE PLAN

NA

FARMERS GENERAL

(Biosolids Land Application)



TOPOGRAPHIC MAP

